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NOV 16 2000

HSI GEOTRANS



November 14, 2000

PROJ# Western
COPIES TO E-01

Bruce Travers
HSI GeoTrans
4665 S. Ash Avenue, Suite G-1
Tempe, AZ 85285

Re: Western Ave.

Dear Bruce:

Enclosed are the results of the samples submitted to our laboratory on October 26, 2000. All analyses were performed at our Kelso, WA. facility. For your reference these analyses have been assigned our service request number K2008466(X2001115).

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Columbia Analytical Services, Inc. is certified for environmental analyses by the Arizona Department of Health Services (Certificate #AZ0339).

Please call if you have any questions. My extension is 12.

Respectfully submitted,

Columbia Analytical Services, Inc.

Tracy L. Dutton
Laboratory Manager

TLD/lm

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COLUMBIA ANALYTICAL SERVICES, INC.

Client: HSI GeoTrans
Project: Western Ave.
Sample Matrix: Soil

Service Request No.: K2008466
Date Received: 10/26/00

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for sample(s) designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Additional quality control analyses reported herein include: Laboratory Duplicate (DUP).

All EPA recommended holding times have been met for analyses in this sample delivery group.

The following difficulties were experienced during analysis of this batch: None

Approved by MD Date 11-14-00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: HSI GeoTrans, Inc.
Project: Western Ave.
Sample Matrix: Soil

Service Request: K2008466
Date Collected: 10/16/00
Date Received: 10/26/00

Carbon, Total Organic

Prep Method: NONE
Analysis Method: W. Black
Test Notes:

Units: PERCENT
Basis: Dry

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
MW6 #16	K2008466-001	0.05	1	NA	11/3/00	ND	
MW6 #26	K2008466-002	0.05	1	NA	11/3/00	0.12	
MW4 #18	K2008466-003	0.05	1	NA	11/3/00	0.09	
MW4 #27	K2008466-004	0.05	1	NA	11/3/00	0.05	
MW3 #15	K2008466-005	0.05	1	NA	11/3/00	0.05	
MW3 #27	K2008466-006	0.05	1	NA	11/3/00	ND	
MW5 #26	K2008466-007	0.05	1	NA	11/3/00	0.06	
MW5 #15	K2008466-008	0.05	1	NA	11/3/00	0.06	
MW7 #15	K2008466-009	0.05	1	NA	11/3/00	ND	
MW7 #27	K2008466-010	0.05	1	NA	11/3/00	0.07	
Method Blank	K2008466-MB	0.05	1	NA	11/3/00	ND	

Approved By: _____ Date: 11-14-00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: HSI GeoTrans, Inc.
Project: Western Ave.
Sample Matrix: Soil

Service Request: K2008466
Date Collected: 10/16/00
Date Received: 10/26/00
Date Extracted: NA
Date Analyzed: 11/3/00

**Duplicate Summary
Carbon, Total Organic**

Sample Name: MW7 #27
Lab Code: K2008466-010DUP
Test Notes:

Units: PERCENT
Basis: Dry

Analyte	Prep Method	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Carbon, Total Organic	NONE	W. Black	0.05	0.07	0.05	0.06	33	

Approved By: _____ Date: 11-14-00

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

PROJECT NAME Western Ave # _____
PROJECT MANAGER Bruce Travis
COMPANY/ADDRESS HSIP Geotronics

480-834-2800 PHONE/FAX 480-834-2808

SAMPLER'S SIGNATURE [Signature]

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	PRESERVATION
MW 6 #16	10/16	1105		soil	N/A
MW 6 #26	10/16	1250		soil	N/A
MW 4 #18	10/20	1205		soil	N/A
MW 4 #27	10/20	1345		soil	N/A
MW 3 #15	10/18	1135		soil	N/A
MW 3 #27	10/18	1310		soil	N/A
MW 5 #26	10/12	1328		soil	N/A
MW 5 #15	10/12	1054		soil	N/A
MW 7 #15	10/10	1150		soil	N/A
MW 7 #27	10/10	1527		soil	N/A

SPECIAL INSTRUCTIONS/COMMENTS:

NUMBER OF CONTAINERS

BTEX 602/8021	
Volatile Organics GC/MS 624/8260	
Halogenated Volatile Organics 601/8021	
Halogenated & Aromatic Volatiles 601/602 8021	
TPH/8015AZ C10-C32	
Total Petroleum Hydrocarbons EPA 418.1 / 418.1 AZ	
Base Neutral Acid Organics GC/MS 625/8270	
BRCRA Metals	
Lead	
Flash Point	
TVPH as Gasoline 8015 AZ C6-C10	
PAH 8310 8270	
TOC By <u>WPA</u> Method	

ANALYSIS REQUESTED

REPORT REQUIREMENTS

- ☒ I. Routine Report
☒ II. Report (includes DUP, MS, MSD, as required, may be changed as samples)
☐ III. Date Validation Report (includes All Raw Data)
☐ IV. CLP Deliverable Report

INVOICE INFORMATION:

P.O.# _____
Bill To _____

SAMPLE RECEIPT:

Shipping Via: _____
Shipping #: _____
Condition: _____
Lab No: X20-0 HHS

Relinquished By (Signature) [Signature]
Relinquished By (Signature) _____
Organization _____
Date/Time _____

Organization HSI
Date/Time 10/26/00

Received By (Signature) [Signature]
Received By (Signature) _____
Organization _____
Date/Time _____

Organization CHS
Date/Time 10/26/00

Organization CHS
Date/Time 10/26/00

STANDARD

RUSH TAT - Surcharges Apply

- ☐ 24 Hours
☐ 48 Hours
☐ 72 Hours